AMENDMENTS TO THE CLAIMS

1. (Cancelled)

2. (Previously Presented)   ~~The recording device according to claim 1, further comprising:~~
    A recording device for recording first encoded data at a high bit rate and second encoded data at a lower bit rate than that of said first encoded data, both encoded data corresponding to the same material data, on an information recording medium, comprising:
    first generation means for encoding said material data input thereto so as to generate said first encoded data;
    second generation means for encoding said material data input thereto so as to generate said second encoded data;
    recording means for recording said first encoded data generated by said first generation means and said second encoded data generated by said second generation means on said information recording medium in an alternate manner in terms of time; and
    readout means for reading out said second encoded data recorded on said information recording medium while said recording means is recording any one of said first and second encoded data;
    storage means for storing said second encoded data recorded on said information recording medium by said recording means; and
    comparison means for comparing said second encoded means read out by said readout means with said stored second encoded data.

3. (Previously Presented) The recording device according to claim 2, wherein said recording means rewrites said encoded data stored by said storage means on said information recording medium in accordance with a result of comparison by said comparison means.

4. (Previously Presented) The recording device according to claim 3, wherein said recording

2

means rewrites said encoded data stored by said storage means in a separate unrecorded area on said information recording medium if a plurality of successive results of comparison by said comparison means show that said data are not identical.

5. (Cancelled)

6. (Cancelled)

7. (Previously Presented) A recording method for recording first encoded data at a high bit rate and second encoded data at a lower bit rate than that of said first encoded data, both encoded data corresponding to a same material data, on an information recording medium, comprising:

    a first generation step of encoding said material data input thereto so as to generate said first encoded data;

    a second generation step of encoding said material data input thereto so as to generate said second encoded data;

    a recording step of recording said first encoded data generated in said first generation step and said second encoded data generated in said second generation step on said information recording medium in an alternate manner in terms of time; and

    a readout step of reading out said second encoded data recorded on said information recording medium while any one of said first and second encoded data is being recorded in said recording step.

8. (Previously Presented) A recording medium on which a program readable by a computer is recorded, said program being for recording first encoded data at a high bit rate and second encoded data at a lower bit rate than that of said first encoded data, both encoded data corresponding to a same material data, on an information recording medium, said program comprising:

    a first generation step of encoding said material data input thereto so as to generate said

3

first encoded data;

a second generation step of encoding said material data input thereto so as to generate said second encoded data;

a recording step of recording said first encoded data generated in said first generation step and said second encoded data generated in said second generation step on said information recording medium in an alternate manner in terms of time; and

a readout step of reading out said second encoded data recorded on said information recording medium while any one of said first and second encoded data is being recorded by the process at said recording step.

9. (Previously Presented)   A recording medium on which a program readable by a computer is recorded, ~~said program comprising~~ tangibly embodying computer-executable instructions, the instructions comprising:

a first generation step of encoding a material data input thereto so as to generate said first encoded data having a high bit-rate;

a second generation step of encoding said material data input thereto so as to generate said second encoded data having a low-bit rate, both the first and the second encoded data corresponding to a same material data, on said information recording medium;

a recording step of recording said first encoded data generated in said first generation step and said second encoded data generated in said second generation step on said information recording medium in an alternate manner in terms of time; and

a readout step of reading out said second encoded data recorded on said information recording medium while any one of said first and second encoded data is being recorded in said recording step.

10. (New) A recording device for recording first encoded data at a high bit rate and second encoded data at a lower bit rate than that of said first encoded data, both encoded data corresponding to the same content data, on an information recording medium, comprising:

a first encoder that encodes the content data input to generate the first encoded data;

4

a second encoder for encoding the content data to generate the second encoded data;

a recorder for recording the first encoded data and the second encoded data on the information recording medium, wherein the recorder alternating writes the first encoded data and the second encoded data; and

a readout unit for reading out the second encoded data recorded on the information recording medium while the recorder records either the first or second encoded data.

11. (New) The recording device according to claim 10, wherein said recorder records the first and second encoded data on the information recording medium in a CLV (Constant Linear Velocity) method.

12. (New) The recording device according to claim 10, further comprising a decode for reproducing and playing back the second encoded data read out by the reading unit.

13. (New) The recording device according to claim 10, wherein the second encoded data for a given portion of content data is always written before the first encoded data for the given content portion.

14. (New) The recording device according to claim 10, further comprising:

an interface for transferring encoded content data between the first encoder, the second encoder and the recorder, and for verifying the fidelity of the data on the information recording medium.

15. (New) The recording device according to claim 14, wherein the interface comprises:

a buffer for temporarily storing the second encoded data as verification data; and

a comparison unit for comparing the verification data with the second encoded data from the readout unit; .

wherein when the comparison unit determines that the verification data

and the second encoded data from the readout unit is not identical, the

interface causes the recorder to record in second encoded data on the

information data medium again.

16. (New) The recording device according to claim 15, wherein

the recorder includes at least one pickup for reading and writing encoded

data to the information recording medium;

when the comparison unit determines that the verification data and the

second encoded data from the readout unit are not identical a

predetermined number of times, the interface causes the recorder to

move the location of the pickup in a radial direction.

17. (New) The recording device according to claim 16, wherein

the second encoded data for a given portion of content data is always

written and verified before the first encoded data for the given

content portion is written to the information recording medium.

18. (New) The recording device according to claim 10, further comprising:

a transmission unit; and

an interface for transferring encoded content data between the first

encoder, the second encoder, the recorder, and the transmission unit;

wherein

the interface includes a buffer containing a portion of the second

encoded data; and

when data for a transmission is located in the buffer, the portion of the

second encoded data in the buffer is transferred to the transmitter

and when data for a transmission is not located in the buffer, the

data for transmission is read from the information recording

medium by the readout unit.

19. (New) The recording device according to claim 10, further comprising:

a first decoder for decoding content data encoded by the first encoder, to

produce a first decoded data;

a second decoder for decoding content data encoded by the second

encoder, to produce a second decoded data; and

an interface for transferring encoded content data between the first

encoder, the second encoder, the first decoder, the second decoder,

and the recorder.

20. (New) The recording device according to claim 19, further comprising:

a resize section configured with poly-phase filters for increasing the

resolution of the second decoded data from the second decoder to

have the same resolution as the first decoded data, to prduce a resized

data.

21. (New) The recording device according to claim 20, further comprising:

a switch that select between the first decoded data and the resized data for

output to an on screen display (OSD) section, based on at least one of

a ready flag from the first decoder and a controller.